



Brand New Sanitary Flange Line Vac

EXAIR's new Sanitary Flange Line Vac air operated conveyors are the best way to convey materials through systems which require frequent or mandatory cleaning. The ISO 2852 compatible sanitary flanges limit areas where bacteria can grow and help prevent contamination. Made from type 316 stainless steel to provide maximum hygiene and corrosion resistance, these Line Vacs are available from stock in 1-1/2", 2", 2-1/2" and 3" flange sizes. Flanged Line Vacs convert flanged piping systems into a powerful conveyor for product, parts, scrap, trim and other bulk materials. Their larger size makes them perfect for conveying bigger parts and large volumes of material over long distances.

All EXAIR Line Vacs are CE compliant, meet OSHA pressure requirements, and are ready to ship from stock. Additional families of Line Vac are available to fit hose, tube or threaded pipe. Many smaller sizes are available down to 3/8" hose or 3/8 NPT threads and large hose or pipe sizes up to 5". Many other materials are available including aluminum, type 303 and type 316 stainless steel. A Heavy Duty Line Vac is available in hardened alloy for abrasion resistance and maximum conveying power. Learn more about the Sanitary Flange Line Vac at www.exair.com/05/sflv.htm.



Sanitary Flange Line Vac Conveyors eject a small amount of compressed air to produce a vacuum on one end with high output flows on the other. Response is instantaneous and regulating the compressed air pressure provides infinite control of the conveying rate. Applications include material conveying, part transfer, fiber tensioning, scrap trim removal and filling operations. No moving parts or electricity assures maintenance free operation. Line Vac kits are available that include the Line Vac, mounting bracket, filter separator and pressure regulator.

Something NEW is Coming to EXAIR!

Take a closer look at EXAIR and you will see that we've added something new for you. EXAIR's products are great for helping you to solve your industrial application problems. From products that will help you save compressed air to products for blowoff, cleaning, vacuuming, conveying and cooling your control panels – they all give you excellent performance, which is a pleasant surprise in this world of unpleasant surprises.

Now there is something just for you: take a look at www.exair.com, search among the products. If you find one of the hidden Easter Eggs, you could win yourself some prizes by filling out the registration form.

These eggs will be hidden after March 30, 2018. Each quarter, EXAIR will draw one name from the list of lucky Easter Egg finders. As you can see from this image, the prizes are pretty awesome this quarter. (Each winner can only win once per year.)

So, Happy Hunting from EXAIR! The more the merrier!



Application Spotlight:

Super Air Nozzle Reduces Air Consumption, Lowers Noise Levels and Saves Money

Application Goal:

Super Air Nozzle Reduces Air Consumption, Lowers Noise Levels and Saves Money.

The Problem:

A major producer of high tech plastic products operates (10) machines that used compressed air blow offs to remove chips & shavings from manufactured parts. These blow offs consisted of 1/4" open ended copper tubing that had been crimped on the end. This was effective, but loud, inefficient, and not compliant with OSHA safety or sound level standards. They operate these blow offs continuously, with a supply pressure of 100 PSIG, ten hours a day, four days a week.



1/4" Copper Tube, Type L, crimped

| Opening Size | Compressed Air Consumption @100 PSIG | Sound Level @3ft Distance |
|---------------|--------------------------------------|---------------------------|
| 1/16" X 3/16" | 19.6 SCFM | 96 dBA |

The Solution:

Using standard compression fitting adapters, they were able to quickly and easily install Model 1100 1/4 NPT Super Air Nozzles after simply cutting the crimped ends off the tubing. These effectively blow off the parts and at a fraction of the compressed air consumption and sound level of the copper tubing, reducing air consumption from 19.6 to 16.9 SCFM and sound level from 96 to 76 dBA.



Summary:

The considerable reduction in sound level was noticed immediately upon installation of the Super Air Nozzles on just a few machines on the first day. Once they were all outfitted, the sound level change throughout the shop was remarkable.

Based on an average compressed air cost of \$0.25 per 1,000 SCF, and (10) machines running (40) hours a week, 52 weeks per year, this user is enjoying annual savings of **\$842.40**, as well as the greatly reduced noise levels and compliance with OSHA standards for compressed air use for cleaning [1910.242(b)] and occupational noise exposure [1910.95].



EXAIR unconditionally guarantees its cataloged products for 30 days.

If you are not satisfied for **any reason** within that time, you may return the product for **full credit** with **no restocking charge**.



New Application Checklist

EXAIR products solve a variety of problems. Please call our Application Engineers at 1 (800) 903-9247 or e-mail them at techhelp@exair.com for assistance with yours.



A manufacturer machines a casting for a stationary motor. Cycle times could be as much as four hours during which time a large amount of chips collected on the bedways and around the machine. Periodically, the operator would have to shut down the machine and shovel out the chips. They wanted to eliminate the downtime. So, with an extension wand attached to the hose on the **Model 6193 Chip Vac**, the operator was able to reach into the machine and vacuum chips without having to shut down the machine.



This flashlight manufacturer would use a centerless grinder on the body of a flashlight and needed to blow off the grinding coolant to eliminate drag out of coolant from the grinder. Installing a PVC tube with guide rails on the blow side of the **Model 2403 3" (76mm) Super Air Wipe**, the flashlight body was blown off as it exited from the grinder through the air wipe. The high velocity flow of air not only directed coolant back into the grinder but cleaned the part as well.



A custom robotic systems manufacturer needed a system to remove rejected ceramic spark plug parts from a conveyor. They used a **Model 6082 1-1/4" (32mm) Line Vac** to remove the part and put it through a sensor to count the number of rejected parts.



Buy an
INDUSTRIAL HOUSEKEEPING SYSTEM
Get a **FREE Vac-u-Gun** with Purchase!

Here's your best opportunity to try our vacuum products. Receive a free Vac-u-Gun with your purchase of an EXAIR compressed air powered Reversible Drum Vac, High Lift Reversible Drum Vac, Chip Trapper, High Lift Chip Trapper, Chip Vac, Heavy Duty HEPA Vac, or Heavy Duty Dry Vac. These vacuums are specially designed to suit your industrial vacuum needs.

If you purchase one of these industrial vacuums by May 31, 2018, you will receive a free Model 6492 Vac-u-Gun!



To learn more go to:
www.exair.com/05/vacpromo.htm